

FILE

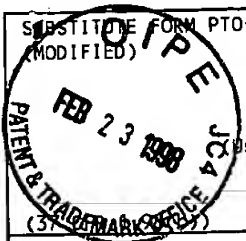
Sheet 1 of 1

SUBSTITUTE FORM PTO-1449
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET
0256/024001

SERIAL NO.
08/928,074



INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
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APPLICANT:
John S. O'Brien

FILING DATE
September 11, 1997

GROUP
1801-1047

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
REL	AA	5 5 7 1 7 8 7	11/5/96	O'BRIEN et al.	54	12	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION YES NO
REL	AL	EP 0246753 A2	11/25/87	EUROPE			
	AM						

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

duplicate	AN	Bennett, <u>An Animal Model of Neuropathic Pain: A Review</u> , <u>Muscle and Nerve</u> 16: 1040-1048, (October 1993)
	AO	<u>Campana et al., Prosaptide, a Peptide Derived from Prosaposin, Induces Motor Endplate Sprouting and Prevents Taxol Neuropathy</u> , <u>Society for Neurosciences</u> , 21:554
REL	AP	Hong et al., <u>Intercellular Adhesion Molecule-1 Expression Induced by Interleukin (IL)-1B or IL-1B Fragment is blocked by an IL-1 Receptor Antagonist and a Soluble IL-1 Receptor</u> , <u>Journal of Neuroimmunology</u> 44(2):163-170 (June 1993).
duplicate	AO	<u>Jaskowski, Neural Injury Repair: Hope for the Future as Barriers to Effective CNS Regeneration Become Clearer</u> , <u>British Journal of Neurosurgery</u> 9:303-317
	AR	<u>Kotani et al., A Hydrophilic Peptide Comprising 18 Amino Acid Residues of the Prosaposin Sequence has Neurotrophic Activity In Vitro and In Vivo</u> , <u>Journal of Neurochemistry</u> 66(5):2197-2200
REL	AS	Kotani et al., <u>Prosaposin Facilitates Sciatic Nerve Regeneration In Vivo</u> , <u>Journal of Neurochemistry</u> 66(5):2019-2025 (May 1996).
duplicate	AT	<u>McMahon et al., Peripheral Neuropathies and Neurotrophic Factors: Animal Models and Clinical Perspectives</u> , <u>Current Opinion in Neurobiology</u> 5:616-624
	AV	<u>Myers, The Pathogenesis of Neuropathic Pain</u> , <u>Regional Anesthesia</u> , 20(3):173-184 (May/June 1995)
duplicate	AV	<u>O'Brien et al., Identification of the Neurotrophic Factor Sequence of Prosaposin</u> , <u>The FASEB Journal</u> 9:681-685 (May 1995)
	AW	<u>Sano et al., Protection by Prosaposin Against Ischemia-Induced Learning Disability and Neuronal Loss</u> , <u>Biochemical and Biophysical Research Communications</u> 204(2):994-1000 (Oct 28 1994)

EXAMINER *D. J. Hayes*

DATE CONSIDERED 7/16/00

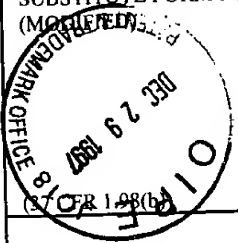
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APPLICANT:
John O'Brien

FILING DATE
9/11/97

GROUP
1801 1647

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
REH	AA 5 4 7 0 5 8 2	11/28/95	Supersaxo et al.	424	489	X
duplicate	AB 5 5 7 1 7 8 7	11/5/96	O'Brien et al.	514	121	X

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
REH	AC 0288243A2	10/26/88	EP	CO7K 7	10	X	X
↓	AD 0405467A2	1/2/91	EP	CO1N 33	68	X	X

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

REH	AE	Albright, "Intrathecal Baclofen in Cerebral Palsy Movement Disorders," <i>Journal of Child Neuropathy</i> 11(Suppl. 1) S29-S35 (1996).
	AF	Banks et al., "Permeability of the Blood-Brain Barrier to Peptides: An Approach to the Development of Therapeutically Useful Analogs," <i>Peptides</i> 13: 1289-1294 (1992).
	AG	Bennett et al., "A peripheral mononeuropathy in rat that produces disorders of pain sensation like those seen in man," <i>Pain</i> 33: 87-107 (1988).
	AH	Bennett, "An Animal Model of Neuropathic Pain: A Review," <i>Muscle & Nerve</i> 16: 1040-1048 (1993).
	AI	Calcott et al., "Tactile allodynia and formalin hyperalgesia in streptozotocin-diabetic rats: effects of insulin, aldose reductase inhibition and lidocaine" <i>Pain</i> 68:293-299 (1996).
	AJ	Campana et al., "Prosaptide, a Peptide derived from Prosaposin, Induces Motor Endplate Sprouting and Prevents Taxol Neuropathy," <i>Society for Neurosciences</i> , 21:554 (1995).
	AK	Hefti et al., "Chronic Administration of Nerve Growth Factor and Other Neurotrophic Factors in the Brain," <i>Neurobiology of Aging</i> 9: 689-690 (1988).
	AL	Jackowski, "Neural Injury Repair: Hope for the Future as Barriers to Effective CNS Regeneration Become Clearer," <i>British Journal of Neurosurgery</i> 9: 303-317 (1995).
	AM	Kim et al., "An Experimental Model for Peripheral Neuropathy Produced by Segmental Spinal Nerve Ligation in the Rat," <i>Pain</i> , 50:355-363 (1992).
	AN	Kotani et al., "A Hydrophilic Peptide Comprising 18 Amino Acid Residues of the Prosaposin Sequence Has Neurotrophic Activity In Vitro and In Vivo," <i>J. Neurochem</i> 66: 2197-2220 (1996).
	AO	Lekan et al., "Behavioral responses following an experimental neuropathy in primates," <i>Soc. Neurosci. Abst.</i> 18:287 (1992).
	AP	McMahon et al., "Peripheral neuropathies and neurotrophic factors: animal models and clinical perspectives," <i>Curr. Opinion in Neurobiology</i> 5: 616-624 (1995).
↓	AQ	Merck Manual, Sixteenth Edition (1992) Berkow, ed., Merck Research Laboratories, Rathway, NJ, pp. 1416-1419.

EXAMINER P. J. Hayer DATE CONSIDERED 7/16/00

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					YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

AR	Myers, "The Pathogenesis of Neuropathic Pain," <i>Regional Anesthesia</i> 20(3): 173-184 (1995).
AS	O'Brien et al., "Identification of the Neurotrophic Factor Sequence of Prosaposin," <i>FASEB J.</i> 9: 681-685 (1995).
AT	Onoprienko et al., "Synthesis and Immunogenic properties of Peptides Corresponding to 59-72 and 25-36 sequences of Human IL-2," <i>Bioorg. Khim.</i> 15(7): 908-921 (1989) (English language abstract).
AU	Pachner et al., "An Immunodominant Site of Acetylcholine Receptor," <i>Immunology Letters</i> 20: 199-204 (1989).
AV	Palacek et al., "Responses of spinothalamic tract neurons to mechanical and thermal stimuli are increased in an experimental model of peripheral neuropathy in primates," <i>Soc. Neurosci. Abst.</i> 18:287 (1992).
AW	Rudinger et al., "Characteristics of the Amino Acids as Components of a Peptide Hormone Sequence" in <i>Peptide Hormones</i> , University Park Press, 1976 pages 1-7.
AX	Sano et al., "Protection by Prosaposin Against Ischemia-Induced Learning Disability and Neuronal Loss," <i>Biochem. Biophys. Res. Commun.</i> 204 (2): 994-1000 (1994).
AY	Schubert et al., "Multiple Influences of a Heparin-Binding Growth Factor on Neuronal Development" <i>The Journal of Cell Biology</i> 104: 635-643 (1987).
AZ	Seltzer et al., "A Novel Behavioral Model of Neuropathic Pain Disorders Produced in Rats by Partial Sciatic Nerve Injury," <i>Pain</i> 43(2): 205-218 (1990).
BA	Sprang et al., "Cytokine Structural Taxonomy and Mechanisms of Receptor Engagement," <i>Curr. Opinion, Struct. Biol.</i> 3: 816 (1993).
BB	Triguero et al., "Capillary Depletion Method for Quantitation of Blood Brain Barrier Transport of Circulating Peptides and Plasma Proteins," <i>J. Neurochem.</i> 54: 1882-188 (1990).
BC	Tsarbopoulos et al., "Peptide and Protein Mapping by ²⁵⁵ Cf-Plasma Desorption Mass Spectrometry" <i>Anal. Biochem.</i> , V. 171 pages 113-123 (1988).
BD	Wall et al., "Autonomy Following Peripheral Nerve Lesions: Experimental Anaesthesia Dolorosa" <i>Pain</i> 7: 103-113 (1979).
BE	Weiler et al., "Synthesis and Characterization of a Bioactive 82-Residue Sphingolipid Activator Protein, Saposin C," <i>Journal of Molecular Neuroscience</i> , 4(3): 161-172 (1993).

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